Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-098

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8-20-08	8-20-09	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
25450	ION	5810i	3280	8-25-08	1-15-09	JPL 36
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	103/120	Martha C.	N	N	N	08-004

VERIFICATION DATA

HBM Sensitivity Level: 50 V (from Table 1)

Fan controller setting: Low (High, Low, NA)

Distance of ionizer from the charge plate: 30"

Ionizer Float Potential Tolerance ± 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
0 Vdc.	10 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	

Ionizer Discharge Voltage Range: ± 1000 Vdc to < ± 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: <20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
8.9 sec	8.6 sec	8.0 sec	8.8 sec	8.8 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
11.0 sec	10.8 sec	10.5 sec	10.9 sec	10.4 sec	

Record *any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)*

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.